



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/715,951	11/17/2003	C. Troy Jensen	200308942-1	4461

7590 05/24/2007
HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

SHRESTHA, KIRAN K

ART UNIT	PAPER NUMBER
----------	--------------

2109

MAIL DATE	DELIVERY MODE
-----------	---------------

05/24/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/715,951	Applicant(s) JENSEN ET AL.	
	Examiner Kiran K. Shrestha	Art Unit 2109	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 November 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-46 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-46 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 November 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is in response to the original filing of November 18, 2003. Claims 1, 15 and 23 are independent claims. Claims 1-~~28~~⁴⁶ are pending and have been considered below.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-29 and 31-46 are rejected under 35 U.S.C. 102(e) as being anticipated by Anderson et al. (US2004/0015566A1).

Claims 1: Anderson discloses a method for managing document processing device job information comprising: organizing said job information into menus (Fig. 5, items 505, 510 & 515) and submenus (Fig. 5, items 520, 525, 535, 540, 545); and displaying said job information to a user (Fig. 5).

Claims 2: Anderson discloses the method of claim 1, wherein said menus and said submenus comprise: a main menu including main menu categories (Fig. 5, items 505, 510 & 515); and a submenu under each of said main menu categories (Fig. 5, items 520, 525, 535, 540, 545).

Claims 3: Anderson discloses the method of claim 2, further comprising: navigating through said menus (Fig. 9); and displaying said submenus on a user interface when said menus are selected (Fig. 26, items 2605, 2610, 2615).

Claims 4: Anderson discloses the method of claim 3, wherein said organizing said job information comprises organizing said job information according to processing date and time (Fig. 9).

Claims 5: Anderson discloses the method of claim 4, wherein jobs processed in a specified time frame are displayed on said user interface (Fig. 9).

Claims 6: Anderson discloses the method of claim 2, further comprising customizing said menus and said submenus according to a user specification (Page 20, [0390] & [0391]).

Claims 7: Anderson discloses the method of claim 6, wherein said customizing said menus and said submenus comprises establishing menu (Fig. 5, items 505, 510 & 515) and submenu category names and content (Fig. 5, items 520, 525, 535, 540, 545).

Claims 8: Anderson discloses the method of claim 7, wherein said menu and submenu content comprises job information identifying completed jobs, pending jobs, jobs

Art Unit: 2109

currently being processed, a source of said job, a destination of said job, a type of file or a document, when said job was processed, the type of job processed by said document processing device, a number of pages in said job, or a size of said job (Page 19, [0369 - 0377]; Page 20, [0378 - 0379]).

Claims 9: Anderson discloses the method of claim 1, further comprising displaying said job information on a web page (Page 5, [0082], lines 9-13).

Claims 10: Anderson discloses the method of claim 9, further comprising providing said web page with an embedded web server associated with said document processing device (Page 5, [0082], lines 1-15).

Claims 11: Anderson discloses the method of claim 9, further comprising viewing said web page with a web browser (Page 5, [0082], lines 9-13).

Claims 12: Anderson discloses the method of claim 1, further comprising displaying said job information on a user interface (Page 11, [0167]).

Claims 13: Anderson discloses the method of claim 12, wherein said user interface organizes said job information into said menus and submenus (Page 52, [1025 & 1026]).

Claims 14: Anderson discloses the method of claim 13, wherein said user interface is configured to display job information regarding jobs that have already been processed (Page 52, [1025 & 1026]).

Claims 15: Anderson discloses the method of claim 13, wherein said user interface is configured to display job information regarding jobs that are currently being processed (Page 53, [1029]).

Claims 16: Anderson discloses the method of claim 13, wherein said user interface is configured to display job information regarding jobs in a queue waiting to be processed (Page 53, [1029]).

Claims 17: Anderson discloses the method of claim 16, further comprising processing said jobs in said queue according to a precedence (Page 12, [0178]).

Claims 18: Anderson discloses the method of claim 16, further comprising processing said jobs in said queue according to a set of priority regulations (Page 12, [0178]).

Claims 19: Anderson discloses the method of claim 18, wherein said priority regulations are specified by a user (Page 12, [0178]).

Claims 20: Anderson discloses the method of claim 13, wherein said user interface is configured to display a plurality of submenus (Fig. 5, items 520, 525, 535, 540, 545) for each of said main menu categories (Fig. 5, items 505, 510 & 515).

Claims 21: Anderson discloses the method of claim 20, wherein one of said plurality of submenus comprises job information on jobs currently being processed (Fig. 6 and Fig. 8).

Claims 22: Anderson discloses the method of claim 20, wherein one of said plurality of submenus comprises job information on jobs in a queue, waiting to be processed (Fig. 11).

Claims 23: Anderson discloses the method of claim 20, wherein one of said plurality of submenus comprises job information on jobs already processed (Fig. 11, 1st item).

Claims 24: Anderson discloses the method of claim 1, further comprising storing said job information in a memory (Page 7, [0099]).

Claims 25: Anderson discloses the method of claim 24, further comprising storing jobs processed in a memory (Page 7, [0099]).

Claims 26: Anderson discloses the method of claim 1, further comprising requiring an authentication to access a restricted menu or submenu (Page 12, [0187]).

Claims 27: Anderson discloses the method of claim 26, wherein said authentication comprises a login password (Page 12, [0187]).

Claims 28: Anderson discloses a document processing device comprising: a document processing device memory configured to store an embedded web server (Page 4: Table 1 "Access Server"); and a user interface; wherein said user interface is configured to select and view job information organized into menus and submenus (Fig. 5 & Fig. 6).

Art Unit: 2109

Claims 29: Anderson discloses the document processing device of claim 28, wherein said document processing device memory comprises non-volatile memory (Page 7, [0095]).

Claims 31: Anderson discloses the document processing device of claim 28, wherein said user interface comprises a visual display (Page 42, [0781]).

Claims 32: Anderson discloses the document processing device of claim 28, wherein said user interface comprises a navigation device (Page 43, [0807]).

Claims 33: Anderson discloses the document processing device of claim 32, wherein said navigation device comprises one of directional buttons, numbered buttons, a keyboard, a keypad, a mouse, or a touch screen (Page 43, [0807] and Table 63).

Claims 34: Anderson discloses the document processing device of claim 28, wherein said device is communicatively coupled to a user terminal (Page 1, [0004]).

Claims 35: Anderson discloses the document processing device of claim 34, wherein said user terminal comprises one of a personal computer, a laptop, a personal digital assistant, a cell phone, or a server (Page 11, [0167]).

Claims 36: Anderson discloses the document processing device of claim 34, wherein said user terminal further comprises a web browser (Page 11, [0168]).

Claims 37: Anderson discloses the document processing device of claim 34, wherein said device is communicatively coupled to said user terminal through a network (Page 10, [0156]).

Claims 38: Anderson discloses a document processing device comprising: receiving means for receiving job requests (Page 10, [0139-0140]); and display means for displaying job request information in menus and submenus (Fig. 5 & Fig. 11).

Claims 39: Anderson discloses the document processing device of claim 38, wherein said display means comprises a user interface (Fig. 11).

Claims 40: Anderson discloses the document processing device of claim 38, wherein said display means comprises a web page (Page 32, [0570]).

Claims 41: Anderson discloses the document processing device of claim 38, further comprising customizing means for customizing said menus and said submenus (Fig. 5, Fig. 6 & Fig. 8).

Claims 42: Anderson discloses the document processing device of claim 38, further comprising recording means for recording said job information (Page 1, [0003]).

Claims 43: Anderson discloses the document processing device of claim 42, wherein said recording means comprises a memory of said documents processing device (Page 43, [0788]).

Claims 44: Anderson discloses a processor readable medium having instructions thereon for: storing job information in document processing device memory (Page 7, [0099]); organizing said job information into menus and submenus (Fig. 5); and displaying said menus and submenus on a user interface or web page (Fig. 13).

Art Unit: 2109

Claims 45: Anderson discloses the processor readable medium of claim 44, wherein said processor readable medium is associated with a document processing device (Page 1, [0002]).

Claims 46: Anderson discloses the processor readable medium of claim 44, wherein said processor readable medium is associated with a remote server (Page 18, [0328]).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 30 is rejected under 35 U.S.C. 103(a) as being unpatentable over

Anderson et al. (US2004/0015566A1).

Claims 30: Anderson discloses the document processing device of claim 28,

Anderson does not disclose “wherein said document processing device memory comprises volatile memory”. However, Official Notice is taken that it is old and well known within the computing arts to include memory (e. g. RAM). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention was made to include a volatile memory (e. g. RAM) in **Anderson**. One would have been motivated to do so in order to keep data in volatile memory.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Exr. Kiran K. Shrestha whose telephone number is (571) 270-1691. The examiner can normally be reached Monday through Thursday from 7:00 a.m. to 4:30 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James W. Myhre, can be reached on (571) 270-1065. The fax phone number for Formal or Official faxes to Technology Center 2100 is (571) 273-3800. Draft or Informal faxes, which will not be entered in the application, may be submitted directly to the examiner at (571) 273-6722.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group Receptionist whose telephone number is (571) 272-3600.


KKS

May 21, 2007


James W. Myhre
Supervisory Primary Examiner